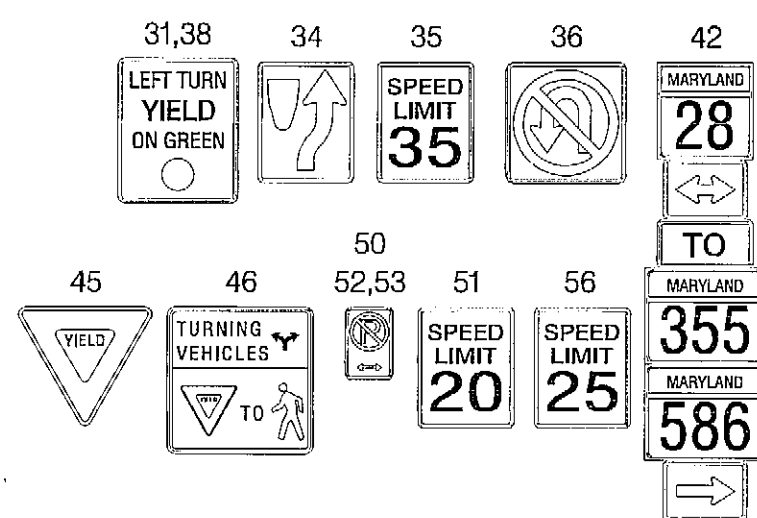
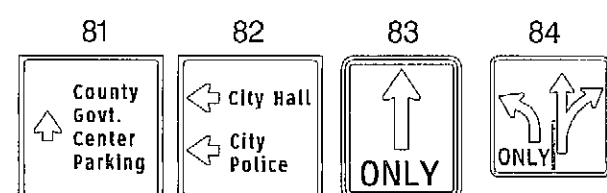


MD 28 IS ASSUMED TO RUN
IN AN EAST/WEST DIRECTION

EXISTING SIGNS TO REMAIN



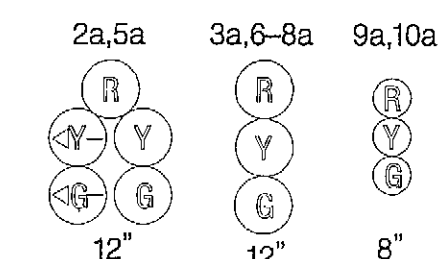
EXISTING SIGNS TO BE REMOVED



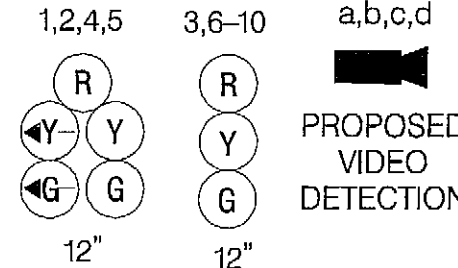
EXISTING SIGNALS TO REMAIN



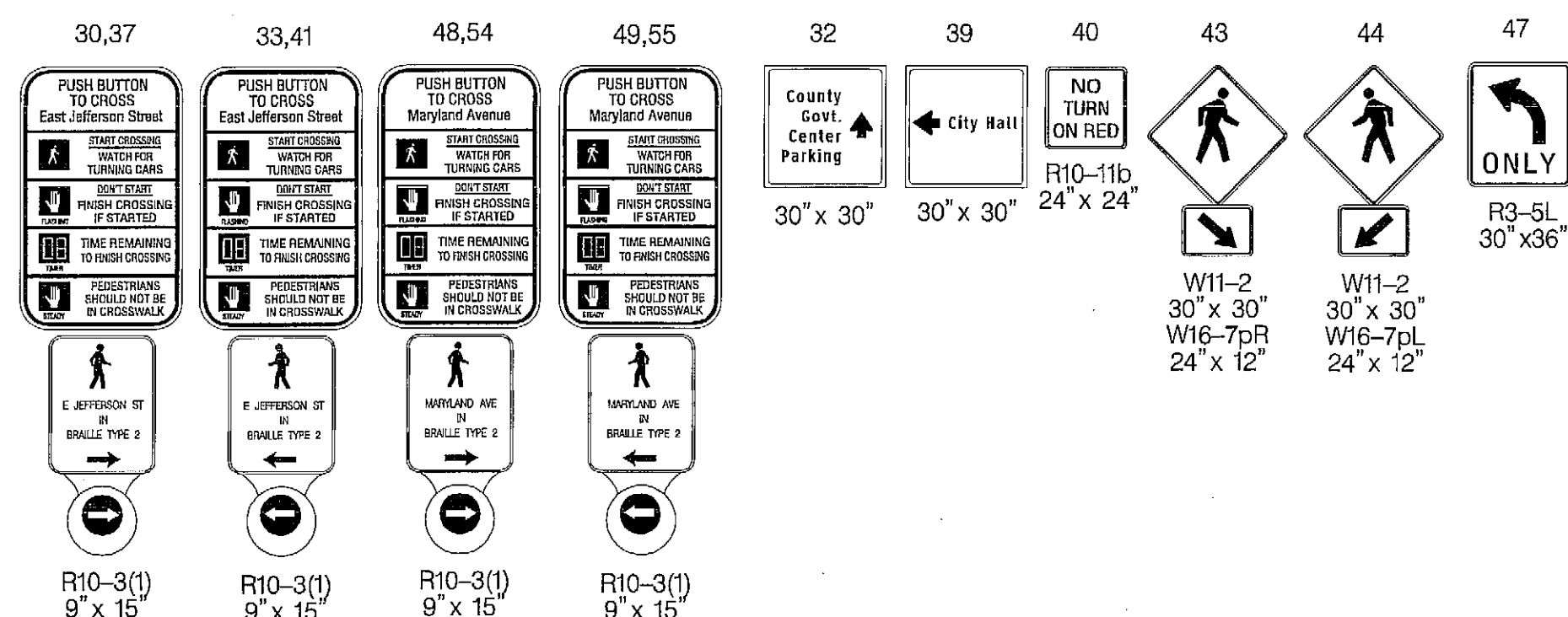
EXISTING SIGNALS TO BE REMOVED



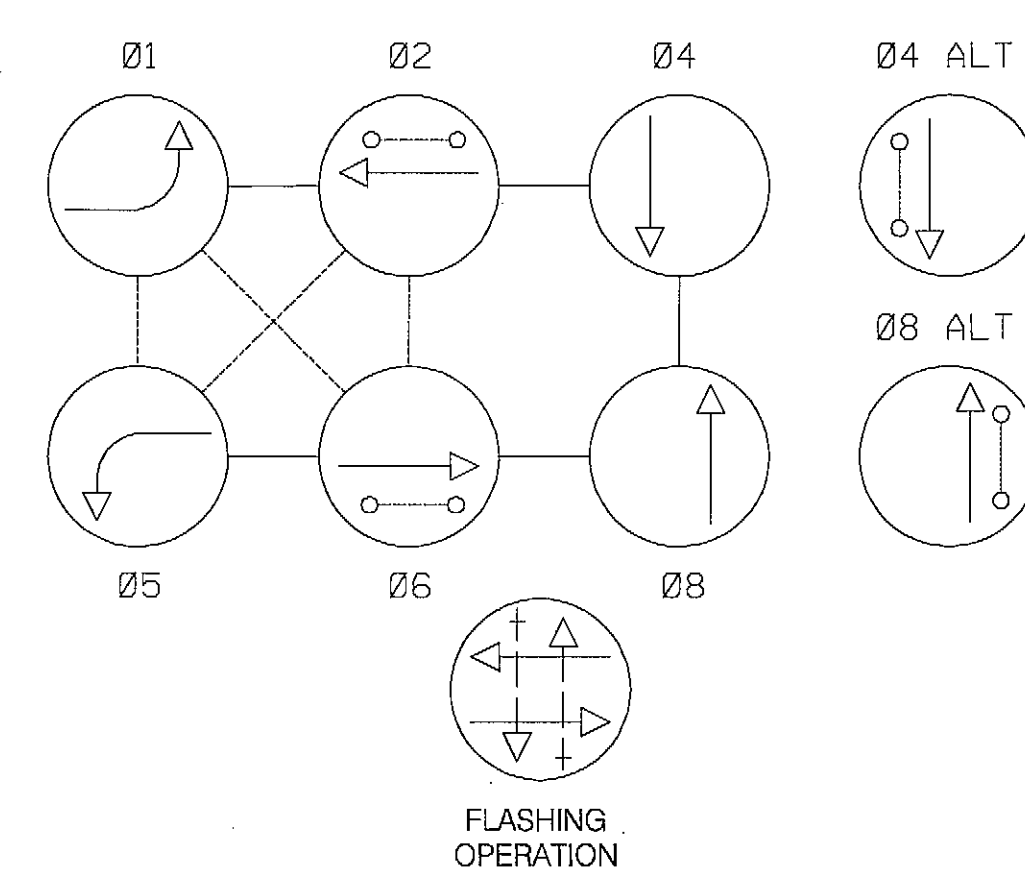
PROPOSED LED SIGNALS



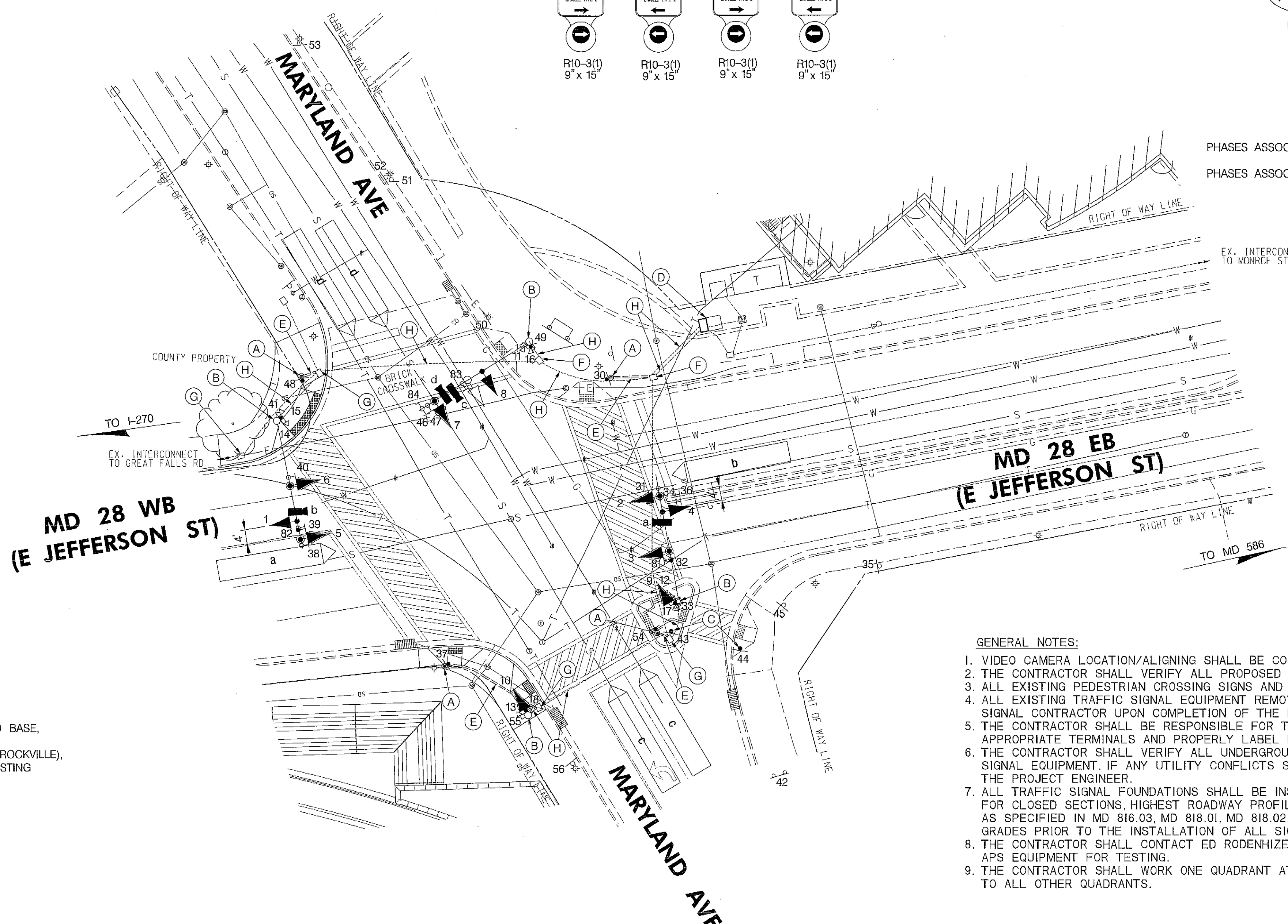
PROPOSED SIGNS



NEMA PHASING



PHASES ASSOCIATED BY A DASHED LINE WILL OPERATE CONCURRENTLY.
PHASES ASSOCIATED BY A SOLID LINE WILL NOT OPERATE CONCURRENTLY.



TOD NO: XY132-12
SHA NO: MO458B58
MD 28 @ Maryland Avenue

CONSTRUCTION DETAILS:

- INSTALL 10' PEDESTAL POLE (CUT TO 5 FT.) WITH BREAKAWAY COUPLINGS (MD 818.16-01), MODIFIED BASE, AUDIBLE TACTILE PUSHBUTTON AND SIGN. (NOTE: 1-2 IN. PVC SCHEDULE 80 CONDUIT BEND).
- USE EXISTING SIGNAL STRUCTURE, REMOVE EXISTING SIGNAL POLE COVER (RETURN TO CITY OF ROCKVILLE), PUSHBUTTON AND SIGN. INSTALL AUDIBLE TACTILE PUSHBUTTON STATION AND SIGN. REPLACE EXISTING SIGNAL HEADS WITH NEW LED SIGNAL HEADS AND ADD VIDEO DETECTION WHERE INDICATED.
- INSTALL GROUND MOUNTED SIGN WITH 4"x6" WOOD POST.
- USE EXISTING SIGNAL CABINET AND CONTROLLER.
- INSTALL 2 IN. PVC SCHEDULE 80 ELECTRICAL CONDUIT - TRENCHED.
- USE EXISTING HANDHOLE.
- USE EXISTING HANDHOLE, ADJUST TO GRADE.
- USE EXISTING CONDUIT.

GENERAL NOTES:

- VIDEO CAMERA LOCATION/ALIGNING SHALL BE COORDINATED WITH THE SHA ENGINEER.
- THE CONTRACTOR SHALL VERIFY ALL PROPOSED PED POLE LOCATIONS PRIOR TO INSTALLATION.
- ALL EXISTING PEDESTRIAN CROSSING SIGNS AND BUTTONS TO BE REMOVED AND/OR REPLACED.
- ALL EXISTING TRAFFIC SIGNAL EQUIPMENT REMOVED SHALL BECOME THE PROPERTY OF THE SIGNAL CONTRACTOR UPON COMPLETION OF THE NEW SIGNAL.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR TERMINATING ALL SIGNAL CABLE TO THE APPROPRIATE TERMINALS AND PROPERLY LABEL EACH CABLE.
- THE CONTRACTOR SHALL VERIFY ALL UNDERGROUND UTILITIES PRIOR TO INSTALLING PROPOSED SIGNAL EQUIPMENT. IF ANY UTILITY CONFLICTS SHOULD ARISE THE CONTRACTOR SHALL CONTACT THE PROJECT ENGINEER.
- ALL TRAFFIC SIGNAL FOUNDATIONS SHALL BE INSTALLED AT THE FINAL SIDEWALK OR CURB GRADE FOR CLOSED SECTIONS, HIGHEST ROADWAY PROFILE GRADE FOR OPEN SECTIONS, TO MEET CLEARANCES AS SPECIFIED IN MD 816.03, MD 818.01, MD 818.02, MD 818.04. THE CONTRACTOR SHALL VERIFY ULTIMATE GRADES PRIOR TO THE INSTALLATION OF ALL SIGNAL EQUIPMENT.
- THE CONTRACTOR SHALL CONTACT ED RODENHIZER AT THE SIGNAL SHOP (410) 787-7650 TO DELIVER APS EQUIPMENT FOR TESTING.
- THE CONTRACTOR SHALL WORK ONE QUADRANT AT A TIME AND MAINTAIN PEDESTRIAN ACCESSIBILITY TO ALL OTHER QUADRANTS.

GEOMETRIC LEGEND

--- EXISTING
--- PROPOSED

UTILITY LEGEND

SD STORM DRAIN
G GAS MAIN
W WATER MAIN
S SEWER MAIN
E ELECTRIC CABLES
A AERIAL CABLES
T TELEPHONE CABLES
F FIBER-OPTIC CABLES

SHA

STATE OF MARYLAND
DEPARTMENT OF TRANSPORTATION
STATE HIGHWAY ADMINISTRATION
OFFICE OF TRAFFIC & SAFETY
TRAFFIC ENGINEERING DESIGN DIVISION
MD 28 (EAST JEFFERSON STREET)
AND MARYLAND AVENUE
ROCKVILLE, MD

SIGNALIZATION PLAN SHEET

SCALE 1" = 20', ADVERTISED DATE JULY 82 CONTRACT NO. _____

DESIGNED BY J.C. COUNTY MONTGOMERY
DRAWN BY J.W.B. LOGMILE 15002822.40
CHECKED BY J.C. TMS NO. _____
F.A.P. NO. _____ TOD NO. _____

TS NO. 1687-G DRAWING SG-1 OF 2 SHEET NO. 1 OF 3

APPROVALS		REVISIONS	
TEAM LEADER		3/13 TMS-1566 SHA NO. XY1325185 FOR GEOMETRIC CHANGES	
ASST. DIV. CHIEF		CW	2-14-13 RELOCATE SIGNAL EQUIPMENT INSTALL APS/CPS AND LED SIGNALS SHA NO. M996MB2 TMS NO. _____
DIVISION CHIEF		RRZ	E. 10-11-09 TMS-G584 UPGRADE TO RED LIGHT CAMERA
OFFICE DIRECTOR		SHA	

BAI BRUDIS & ASSOCIATES, INC.
Consulting Engineers
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Columbia, Maryland 21045
Phone 410-884-3807
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PLOTTED: Wednesday, April 10, 2013 AT 01:58 PM
FILE: P:\28-002 TMS\Task 106 MD 28 @ Maryland Ave\Drawings\CADD\Working\pSG-F001_MD28.dgn